

Féidearthachtaí as Cuimse
Infinite Possibilities

Inclusive Computer Science Learning through CS_LINC

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School of Computing Enterprise and Digital
Transformation

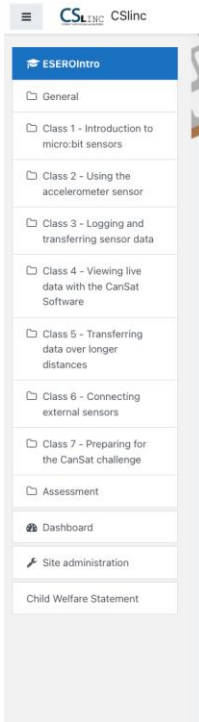
CSINC
Computer Science Inclusive

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What is CS_LINC?

- CS_LINC is a free, scaffolded MOOC framework, tailored to 2nd Level students in Ireland.
- Aims to promote and increase the capacity and sustainability for access to the Leaving Certificate Computer Science.
- Self-paced, e-learning platform facilitates engagement with harder-to-reach schools.
- Project facilitated by CSinc Research Group

Programme Structure



Class 1 - Introduction to micro:bit sensors

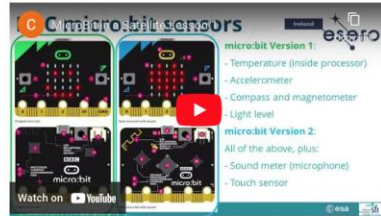
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Teacher Resources

- Hidden from students
- Week 1 - Lesson Plan
- Hidden from students
- PowerPoint Presentation (WK1P1)
- Hidden from students
- Student Task 1 Solution Sheet (WK1S1)
- Hidden from students
- Student Task 1 Extension Solution Sheet (WK1S2)
- Hidden from students

Student Resources

- PowerPoint Presentation (WK1P1)



Student Tasks

- Unplugged Activity - Lesson 1 (WK1UP1)
- Student Task 1 instructions (WK1T1)
- Student Task 1 Extension - Instructions (WK1EXT1)

CS_LINC Modules

Astro Pi with ESERO

BBC Micro:bit

The Beauty and Joy of Computing

Computational Thinking

Computer Systems

Cybersecurity

Design and Make a Micro:bit Satellite

Introducing Python Coding with Pytch

Machine Learning and AI

MakeCode Arcade

Python

Python as Gaeilge

STEM with a Micro:bit Satellite

Web Design and Development

Achievements to Date

Project Reach:

Post-Primary Schools: 133

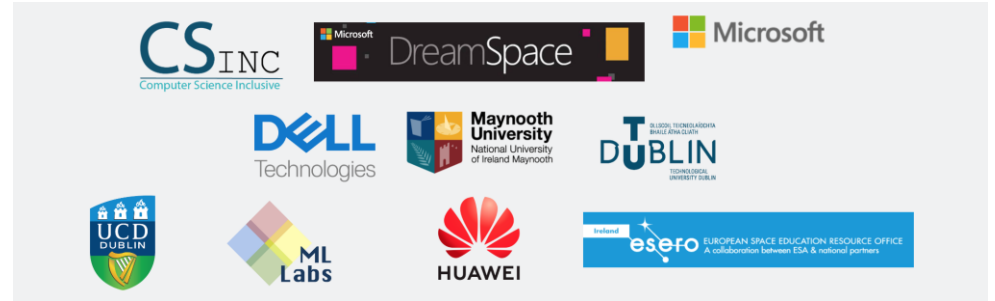
DEIS schools: 23

Youthreach: 5

Teachers: 256

Students: 9,356

Modules: 14



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Have an idea for a new CS_LINC
module?

Get in touch:
csinc@tudublin.ie

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